

**ABSTRACT OF THE DISCLOSURE**

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2       A preparation method for biochips.       The method  
3 comprises spraying a hydrophobic material onto a substrate  
4 by a micro injecting process to form a hydrophobic region  
5 thereon, wherein the hydrophobic region separates a  
6 plurality of partitions on the substrate, and immobilizing a  
7 probe on the partition by the micro injecting process.